

Attorney Docket No. 57761.000137

GE Docket No. 11RC-4959

Application Serial No. 09/877,226

IN THE CLAIMS:

Please amend the claims as set forth below.

1. (Currently amended) A system for monitoring a utility substation comprising:
monitoring equipment operatively connected to a utility substation for monitoring
operating conditions of the utility substation;

the monitoring equipment being operatively connected to an application service provider
through a first communication network, the application service provider being provided with a
program to effect the monitoring;

one or more substation network interface devices operatively connected to the application
service provider by a second communication network for receiving notification of operating
conditions of the utility substation monitored by the monitoring equipment, at least one of the
substation network interface devices being in the form of a computer system, the at least one of
the substation network interface devices provided with a device program for communicating with
the application service provider, the device program being ~~substantially~~ not uniquely adapted for
said monitoring.

2. (Original) The system of claim 1, wherein the monitoring equipment comprises
one or more devices for measuring the voltage and current in an electrical power utility
substation.

3. (Original) The system of claim 1, wherein at least one of the first and second
communication networks is the Internet.

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4. (Original) The system of claim 1, wherein the first communication network and the second communication network comprise the same network.

5. (Currently amended) The system of claim 1, further comprising an equipment database operatively connected to at least one of the first and second communication networks, the equipment database being accessible by one or more of the application service provider and the one or more substation network interface devices.

6. (Original) The system of claim 1, further comprising an expertise database.

7. (Currently amended) The system of claim 1, wherein at least one of the one or more substation network interface devices and the application service provider includes a reporting system for automatically generating reports relating to the operation of at least one of the utility substations.

8. (Currently amended) The system of claim 1, wherein at least one of the one or more substation network interface devices and the application service provider includes a scheduling program for scheduling maintenance operations for at least one of the utility substations.

9. (Currently amended) The system of claim 1, wherein at least one of the one or more substation network interface devices and the application service provider includes an administrative tracking program for providing administrative functions for at least one of the utility substations.

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10. (Currently amended) The system of claim 1, wherein at least one of the one or more substation network interface devices and the application service provider includes a remote operation module for remotely operating at least one of the substations.

11. (Currently amended) A system for monitoring a utility substation comprising:
monitoring equipment, comprising one or more devices for measuring the voltage and current in an electrical power utility substation, operatively connected to a utility substation for monitoring operating conditions of the utility substation;

the monitoring equipment being operatively connected to an application service provider through a first communication network, the application service provider being provided with a program to effect the monitoring;

one or more substation network interface devices operatively connected to the application service provider by a second communication network for receiving notification of operating conditions of the utility substation monitored by the monitoring equipment, at least one of the substation network interface devices being in the form of a computer system, the at least one of the substation network interface devices provided with a device program for communicating with the application service provider, the device program being ~~substantially~~ not uniquely adapted for said monitoring.

an equipment database operatively connected to at least one of the first and second communication networks, the equipment database being accessible by one or more of the application service provider and the one or more substation network interface devices;

an expertise database,

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wherein at least one of the one or more substation network interface devices and the application service provider includes a reporting system for automatically generating reports relating to the operation of at least one of the utility substations,

wherein the first and second communication networks are the Internet,

wherein at least one of the one or more substation network interface devices and the application service provider includes a scheduling program for scheduling maintenance operations for at least one of the utility substations,

wherein at least one of the one or more substation network interface devices and the application service provider includes an administrative tracking program for providing administrative functions for at least one of the utility substations, and

wherein at least one of the one or more substation network interface devices and the application service provider includes a remote operation module for remotely operating at least one of the substations.

12. (Currently amended) A method for monitoring a utility substation comprising the steps of:

operatively connecting monitoring equipment to a utility substation for monitoring operating conditions of the utility substation;

operatively connecting the monitoring equipment to an application service provider through a first communication network, the application service provider being provided with a program to effect the monitoring;

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operatively connecting one or more substation network interface devices to the application service provider by a second communication network for receiving notification of operating conditions of the utility substation monitored by the monitoring equipment, at least one of the substation network interface devices being in the form of a computer system, the at least one of the substation network interface devices provided with a device program for communicating with the application service provider, the device program being ~~substantially~~ not uniquely adapted for said monitoring.

13. (Original) The method of claim 12, wherein the monitoring equipment comprises one or more devices for measuring the voltage and current in an electrical power utility substation.

14. (Original) The method of claim 12, wherein at least one of the first and second communication networks is the Internet.

15. (Original) The method of claim 12, wherein the first communication network and the second communication network comprise the same network.

16. (Currently amended) The method of claim 12, further comprising the step of operatively connecting an equipment database to at least one of the first and second communication networks the equipment database being accessible by one or more of the application service provider and the one or more substation network interface devices.

17. (Currently amended) The method of claim 12, further comprising the step of incorporating an expertise database into at least one of the one or more substation network interface devices and the application service provider.

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18. (Currently amended) The method of claim 12, further comprising the step of incorporating a reporting system for automatically generating reports relating to the operation of at least one of the utility substations into at least one of the one or more substation network interface devices and the application service provider.

19. (Currently amended) The method of claim 12, further comprising the step of incorporating a scheduling program for scheduling maintenance operations for at least one of the utility substations into at least one of the one or more substation network interface devices and the application service provider.

20. (Currently amended) The method of claim 12, further comprising the step of incorporating an administrative tracking program for providing administrative functions for at least one of the utility substations into at least one of the one or more substation network interface devices and the application service provider.

21. (Currently amended) The method of claim 12, further comprising the step of incorporating a remote operation module for remotely operating at least one of the substations into at least one of the one or more substation network interface devices and the application service provider.

22. (Currently amended) A method for monitoring a utility substation comprising the steps of:

operatively connecting monitoring equipment, comprising one or more devices for measuring the voltage and current in an electrical power utility substation, to a utility substation for monitoring operating conditions of the utility substation;

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operatively connecting the monitoring equipment to an application service provider through a first communication network, the application service provider being provided with a program to effect the monitoring;

operatively connecting one or more substation network interface devices to the application service provider by a second communication network for receiving notification of operating conditions of the utility substation monitored by the monitoring equipment, at least one of the substation network interface devices being in the form of a computer system, the at least one of the substation network interface devices provided with a device program for communicating with the application service provider, the device program being ~~substantially~~ not uniquely adapted for said monitoring,

wherein the first and second communication networks are the Internet,

operatively connecting an equipment database to at least one of the first and second communication networks the equipment database being accessible by one or more of the application service provider and the one or more substation network interface devices;

incorporating an expertise database into at least one of the one or more substation network interface devices and the application service provider;

incorporating a reporting system for automatically generating reports relating to the operation of at least one of the utility substations into at least one of the one or more substation network interface devices and the application service provider;

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incorporating a scheduling program for scheduling maintenance operations for at least one of the utility substations into at least one of the one or more substation network interface devices and the application service provider;

incorporating an administrative tracking program for providing administrative functions for at least one of the utility substations into at least one of the one or more substation network interface devices and the application service provider; and

incorporating a remote operation module for remotely operating at least one of the substations into at least one of the one or more substation network interface devices and the application service provider.

23. (Previously presented) The system of claim 1, wherein the monitoring equipment providing historical information surrounding a fault condition, the historical information being used for diagnosing a problem in the utility substation.

24. (Previously presented) The system of claim 23, wherein the historical information includes at least one of system settings, actual conditions, oscillographic information, and events at the time of the problem.

25. (Previously presented) The method of claim 16, further comprising querying the equipment database to locate spare parts for repair of faulty equipment.